

1.	Module code:	B19A03E
2.	Title:	INFORMATION SYSTEMS
3.	Credit points:	7
4.	Start term:	fall
5.	Module leader:	SÁNDOR DANKA, DR.
6.	Accredited by:	MUBS
7.	Module restrictions:	
	• Pre-requisite	none
	• Programme restrictions	BSc in Business Administration and Management
	• Level restrictions	4
7.	• Other restrictions or requirements	none
	8.	<p>Aims:</p> <p>The course intends to present basic knowledge on modern information technology in general and an overview on business applications to establish the necessary level of understanding, the roles and potential of these technologies and methods in everyday business life.</p> <p>The course covers the uses of data, information, technology, software, networking, manpower, organization, and will conclude by discussing information management, IT business planning, competitiveness and the problems of the Information Society.</p>
	9.	<p>Learning outcomes:</p> <p>On completion of this module, the successful student will be able to:</p> <ol style="list-style-type: none"> 1. Elaborate the role and characteristics of IT tools and methods in business life. 2. Compare up-to-date technology development (hardware and software) and trends. 3. Assess IS and modern info-communication technologies in the context of the business organization 4. Demonstrate the IS development process, different approaches, advantages and risks in business 5. Ability to compare the role and types of stand-alone and networked IT devices 6. Plan to use information technology to develop competitive organizations 7. Ability to examine dilemmas and controversies on IT and Information Management 8. The usage of PC-based managerial support tools in their individual work.
	10.	<p>Syllabus:</p> <ul style="list-style-type: none"> • Exploring Our Digital Planet; History on the Informatics • Introduction to the Microsoft Excel 2010, basic tasks • Hardware, Case study • Software: Applications, Aspects of software purchases, Case study • Software: Operating System, Applications of mobile technology and portable devices, Case study • Computers at Work, School and Home, Gamification as the motivation or training tool of the IT and economic workforce, Case study • Graphics, Digital Media and Multimedia, VR, extended reality, augmented humans, Excel Test • Internet of Things, Access Demo • National holiday • Networking and digital communication + The evolving internet, Big data, Case study, Access Exercises • Graphics, Digital Media, and Multimedia, Case study

	<ul style="list-style-type: none"> Information Security part 1. Protection/ security of information systems, attacks, abuses, Case study Information Security part 2. Utilizing User Data, Case study Information System in Business, The current market for enterprise management systems and enterprise resource planning (ERP) systems., Access Test E-commerce and E-Business, Cryptic money and corporate finance, financial services, Retake of tests 						
11.	<p>Learning and teaching strategy:</p> <p>Lectures (about 50% of classroom activities), practices and case studies (with individual preparatory work) will present the key steps required to gain a competitive advantage in the marketplace through the use of information techniques and IT related methods.</p> <p>Students are expected to engage in self-managed learning activities.</p> <p>Lab work meetings start with Q&A session to make all terms of the week clear.</p>						
12.	<p>Assessment scheme:</p> <p>(a) Formative assessment scheme</p> <p>Formative feedback will be provided throughout this module through the discussion of problems given as topics for presentations and as homework.</p> <p>(b) Summative assessment scheme</p> <ol style="list-style-type: none"> Excel Test (20%): Students will have a case study based evaluation at the IT Lab during the semester using Excel software on selected problems. These tests will mainly assess learning outcome (LO) 1, 5, 9. Access Test (20%): Students will have a case study based evaluation at the IT Lab at the end of the semester using Access software on selected problems. These tests will mainly assess learning outcome (LO) 2, 7, 9. Group Presentation (10%): Presentations will cover most of the LO's depending on the content of the given presentation (10%). Final Exam (50 %): At the end of the semester students will have a closed-book written exam (Final Examination). This will assess the full range of learning outcomes (50%). <p>Resit opportunity: Excel and Access tests have to be fulfilled with at least 50,01 %. According to this, these assessments have one resit opportunity each at the last week of the study period. The final exam has a retake opportunity during the exam period..</p> <table border="1"> <tr> <td>Seen examination</td> <td>N/A</td> </tr> <tr> <td>Unseen examination</td> <td>90%</td> </tr> <tr> <td>Coursework (no examination)</td> <td>10%</td> </tr> </table>	Seen examination	N/A	Unseen examination	90%	Coursework (no examination)	10%
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13.	<p>Timetabled examination required</p> <p>YES</p>						
14.	<p>Length of exam</p> <p>Excel and Access Test: 75 minutes Group presentation: 25 minutes Final exam: 75 minutes</p>						
15.	<p>Learning materials</p> <ul style="list-style-type: none"> Essential Recommended <p>Jane P. Laudon, Kenneth C: Management Information Systems: Managing the Digital Firm, 13th Edition, Pearson, ISBN-13: 978-0133050691 Beekman, G: Digital Planet, Tomorrow's Technology and You, 10th edition, Pearson, ISBN13: 9780132737524; ISBN10: 0132737523 Gardner, C.-Rathswohl, E.: MIS Cases using application software Wiley, 2011; ISBN: 978-0-470-10122-3</p>						

		<p><i>Excel 2010 Introduction: Part I,</i> <i>Excel 2010 Introduction: Part II,</i> <i>Excel 2010 Advanced</i></p> <p>Download: http://www.bookboon.com</p>
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